



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 10 HANFORD PROJECT OFFICE
712 Swift Boulevard, Suite 5
Richland, Washington 99352

0062745

September 16, 2004

Briant Charboneau
U.S. Department of Energy
P.O. Box 550
Richland, WA 99352

RECEIVED
SEP 17 2004

Subject: EPA Approval of DOE Letter 04-AMCP-0442

EDMC

Dear Mr. ^{Briant}Charboneau:

The EPA has received, reviewed, and approves the subject letter as a revision to the Remedial Design Report / Remedial Action Work Plan for the 100-KR-4 Operable Unit (DOE/RL-96-84). Thanks to you, your staff, and your contractors for the beneficial dialogue we have shared in the past few months to develop a plan and schedule to address the chromium groundwater plume at 100-KR-4. We are pleased that this dialogue has produced the strategy to deploy a treatability test using calcium polysulfide. We look forward to continuing to work with you to bring this approach to fruition.

As discussed today with John Morse of your staff, enclosed is milestone change package M-016-04-08 that has been signed by Nick Ceto for EPA. This milestone is for initiation of the treatability test due May 1, 2004.

If you have any questions, please give me a call at 376-9884.

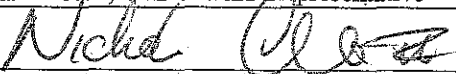
Sincerely,

Laurence E. Gadbois

Laurence E. Gadbois
100-KR-4 Project Manager

Enclosure: Milestone change package M-16-04-08 dated 9-16-2004

Cc: Jane Borghese, Fluor
John Morse, DOE
John Price, Ecology
Arlene Tortoso, DOE
Administrative Record - 100-KR-4

Change Number	Federal Facility Agreement and Consent Order Change Control Form		Date:
M-16-04-08	Do not use blue ink. Type or print using black ink.		9-16-2004
Originator: L. E. Gadbois		Phone: (509) 376-9884	
Class of Change:			
<input type="checkbox"/> I - Signatories		<input checked="" type="checkbox"/> II - Executive Manager	<input type="checkbox"/> III - Project Manager
Change Title:			
Establish Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) Interim Milestone M-016-28B to begin treatability test at the 100-KR-4 Operable Unit			
Description/Justification of Change:			
<p>The DOE and EPA have agreed to conduct a treatability test for groundwater contaminated with hexavalent chromium at the 100-KR-4 operable unit. This will be conducted in accord with a treatability test plan approved by EPA. Specifics of the treatability test will be contained in the test plan, but it is anticipated that at least one extraction and injection well will be used, calcium polysulfide will be the test chemical, and the test will take approximately 18-36 months, however the test will be evaluated frequently during this period. The treatability test will be evaluated relative to the cleanup standards established in the existing CERCLA ROD and other criteria deemed appropriate by DOE and EPA.</p> <p>Interim milestone M-016-28B is established by approval of this Tri-Party Agreement Change Request and is defined below:</p>			
Milestone	Description	Date	
M-016-28B	Initiate In-field Treatability Test Using Calcium Polysulfide at 100-KR-4.	05/01/2005	
	Test will be in accord with a treatability test plan approved by EPA.		
Impact of Change:			
Administrative action required to incorporate this change into Appendix D of the Tri-Party Agreement.			
Affected Documents:			
The Hanford Federal Facility Agreement and Consent Order, as amended.			
Approvals:			
J. B. Hebdon, RL IAMIT Representative	Date	__ Approved	__ Disapproved
N/A		__ Approved	__ Disapproved
J. E. Rasmussen, ORP IAMIT Representative	Date	__ Approved	__ Disapproved
 N. Ceto, EPA IAMIT Representative	9/16/04 Date	<input checked="" type="checkbox"/> Approved	__ Disapproved
N/A		__ Approved	__ Disapproved
M. A. Wilson, Ecology IAMIT Representative	Date	__ Approved	__ Disapproved